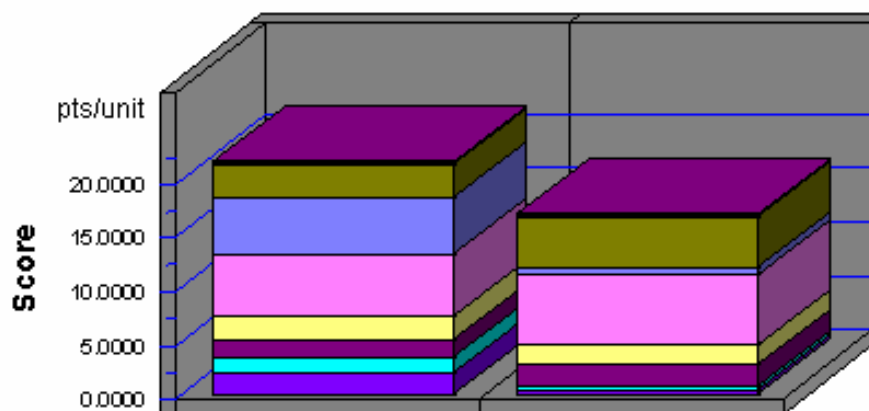


Environmental Performance

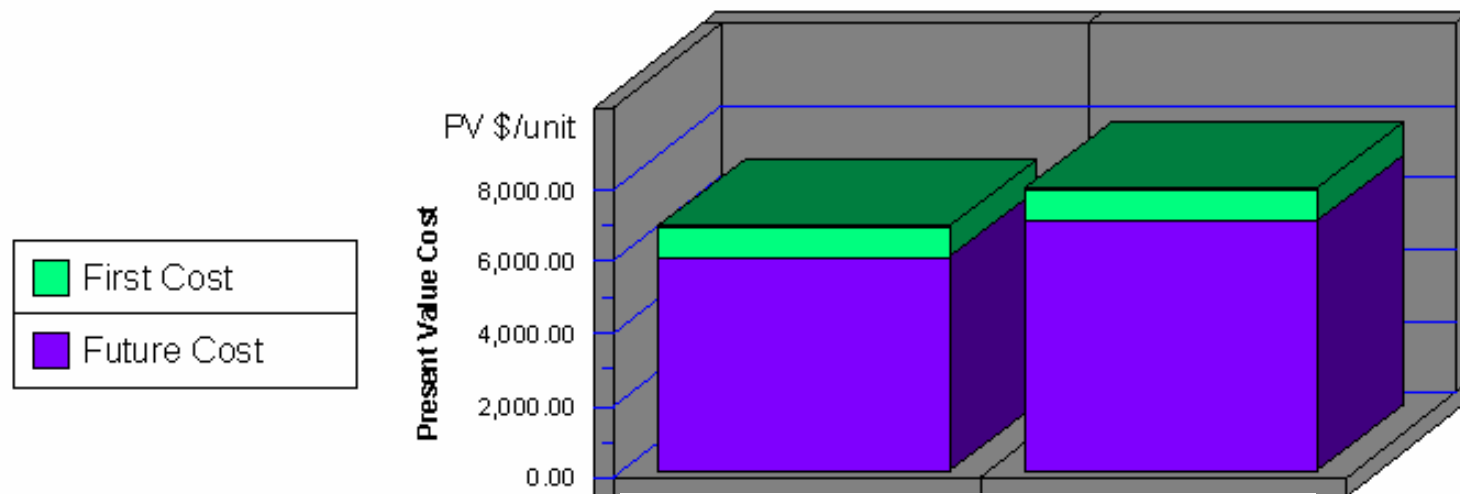
| |
|-----------------------|
| Acidification |
| Crit. Air Pollutants |
| Ecological Toxicity |
| Eutrophication |
| Fossil Fuel Depletion |
| Global Warming |
| Habitat Alteration |
| Human Health |
| Indoor Air |
| Ozone Depletion |
| Smog |
| Water Intake |



Note: Lower values are better

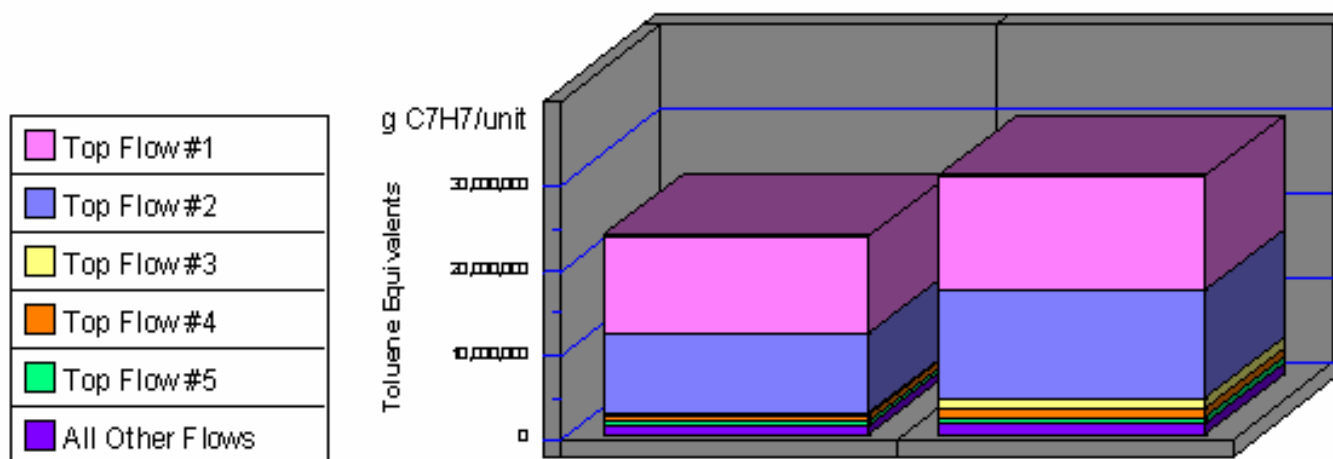
| Category | | |
|--------------------------|----------------|----------------|
| Acidification--5% | 0.0014 | 0.0008 |
| Crit. Air Pollutants--6% | 0.0880 | 0.1325 |
| Ecolog. Toxicity--11% | 3.1112 | 4.6811 |
| Eutrophication--5% | 5.1427 | 0.7865 |
| Fossil Fuel Depl.--5% | 5.8819 | 6.4847 |
| Global Warming--16% | 2.0684 | 1.6861 |
| Habitat Alteration--16% | 0.0000 | 0.0000 |
| Human Health--11% | 1.6283 | 2.1279 |
| Indoor Air--11% | 0.0000 | 0.0000 |
| Ozone Depletion--5% | 0.0000 | 0.0001 |
| Smog--6% | 1.4777 | 0.2843 |
| Water Intake--3% | 2.0860 | 0.4515 |
| Sum | 21.4856 | 16.6355 |

Economic Performance



| Category | | |
|-------------------|----------------|----------------|
| First Cost | 799.89 | 929.02 |
| Future Cost- 3.9% | 5974.64 | 6939.16 |
| Sum | 6774.53 | 7868.18 |

Human Health by Sorted Flows*



Note: Lower values are better

| Category | | |
|---------------------------------|----------------------|----------------------|
| Cancer-(w) Arsenic (As3+, As5+) | 11,548,209.23 | 13,536,015.73 |
| Cancer-(w) Phenol (C6H5OH) | 9,216,691.00 | 12,656,413.00 |
| Cancer-(a) Benzene (C6H6) | 217,013.50 | 1,346,180.00 |
| Cancer-(a) Dioxins (unspecifc) | 852,969.04 | 895,090.97 |
| Cancer-(a) Arsenic (As) | 573,229.66 | 884,851.16 |
| All Others | 1,094,077.41 | 1,395,024.40 |
| Sum | 23,502,189.84 | 30,713,575.25 |

*Sorted by five topmost flows for worst-scoring product